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1 - 10 of about 14 for digital image apparatus for applying pixel based color correction to a hue saturation based po1. Indexed processing of color image data - Patent 5517334

A method and **apparatus** for efficiently handling, modifying, transmitting, re-displaying and storing **color images** is described. An **image** is provided which has a ...

www.freepatentsonline.com/5517334.html - 102k - [Cached](#) - [More from this site](#)

2. Image handling facilitating computer aided design and manufacture of ...

... **apparatus** comprises a first store for storing **digital** data defining the **image** content ... combination of **images** within a **pixel** and contains at each address **color** data ...

www.freepatentsonline.com/5521722.html - 123k - [Cached](#) - [More from this site](#)

3. NetLingo: An Early List of Computer Terms

... **input** signal to a **digital** word (represented as a binary number) for ... The **color** portion of the video signal - includes **hue** and **saturation** information ...

www.netlingo.com/more/computerterms.html - 172k - [Cached](#) - [More from this site](#)

4. vizproto.prism.asu.edu/textbooks/DigitalDesignMedia.pdf (PDF)

keyboard for entering **input** and a monitor for ... consider the **digital representation** of numbers in more detail. ... try to **output** an **image** file as ...

vizproto.prism.asu.edu/textbooks/DigitalDesignMedia.pdf - 643k - [View as html](#) - [More from this site](#)

5. Image analysis patents new

20070104384 - **Apparatus** and methods for enhancing **digital images**: A method for ... for converting a sampling rate of an **input** video signal comprising **input pixel** ...

www.freshpatents.com/Image-analysis-dtnewntc382.php - 179k - [Cached](#) - [More from this site](#)

6. FreshPatents.com: Television - USPTO Class 348 Patent Applications Update

... **digital** camera 100 to a **color** printer of an **output** ... that **color** attributes of the **input pixel** can be analyzed according to **hue** and **saturation** values. ...

www.freshpatents.com/makerss_dt20061026_mcl348ix.php - 53k - [Cached](#) - [More from this site](#)

7. www.hpl.hp.com/hpjournal/dtj/vol7num4/vol7num4art4.txt

Each **image** is a matrix of **pixels**, and each **pixel** is represented by three 8-bit ... and the **hue** angle are held constant at the expense of a change in **saturation**. ...

www.hpl.hp.com/hpjournal/dtj/vol7num4/vol7num4art4.txt - 95k - [Cached](#) - [More from this site](#)

8. www.parkland.sd63.bc.ca/Library/Book/c.htm

... 4, a newer standard, supports **images** of up to 400 dpi; data compression **based** on ... charge at the **output** of one device provides the **input** to the next. ...

www.parkland.sd63.bc.ca/Library/Book/c.htm - 265k - [Cached](#) - [More from this site](#)

9. Indexed processing of color image data - Patent 5343311

A method and **apparatus** for efficiently handling, modifying, transmitting, re-displaying and storing **color images**. An **image** is provided which has a plurality of ...

www.freepatentsonline.com/5343311.html?highlight=4668980 - [More from this site](#)

10. U.S. Patent: 5343311 - Indexed processing of color image data - August ...

... An **apparatus** for handling **color** information of an **image** in a **digital image** ... to define any point in the **color** space shown are **hue**, **saturation** and ...

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11. [U.S. Patent: 5521722 - Image handling facilitating computer aided ...](#)
1. Apparatus for handling digital representations of documents which are ... combination of images within a pixel and contains at each address color data ...
www.everypatent.com/comp/pat5521722.html - [More from this site](#)
12. [U.S. Patent: 6058207 - Selective color correction applied to plurality ...](#)
... pixels of an input image, to obtain an output image, wherein the output pixels ... A suitable application program for applying a ColorLink to a digital continuous ...
www.everypatent.com/comp/pat6058207.html - [More from this site](#)
13. [Color image reproduction of scenes with preferential color mapping and ...](#)
A method for enhancing the hue and lightness characteristics of a digital color image, the digital color image having pixel values from which digital luminance ...
www.freepatentsonline.com/6594388.html - [More from this site](#)
14. [Image forming method and system - Patent 6183933](#)
... the output destination of the digital image data is switched based on the order data. ... different in hue; and a processing material for heat development ...
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» Key

IEEE JNL IEEE Journal or Magazine

IET JNL IET Journal or Magazine

IEEE CNF IEEE Conference Proceeding

IET CNF IET Conference Proceeding

IEEE STD IEEE Standard

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- ☐ 1. **2nd Joint IEEE International Workshop on Visual Surveillance and Performance Evaluation of Tracking and Surveillance (VS-PETS)**
Research in Microelectronics and Electronics. 2005 PhD
 Volume 1, 25-28 July 2005 Page(s):241 - 611
 Digital Object Identifier 10.1109/RME.2005.1543049
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[Rights and Permissions](#)
- ☐ 2. **Interactive color palette tools**
 Meier, B.J.; Spalter, A.M.; Karelitz, D.B.;
Computer Graphics and Applications. IEEE
 Volume 24, Issue 3, May-Jun 2004 Page(s):64 - 72
 Digital Object Identifier 10.1109/MCG.2004.1297012
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- ☐ 3. **Recovery of underwater visibility and structure by polarization analysis**
Oceanic Engineering. IEEE Journal of
 Volume 30, Issue 3, July 2005 Page(s):570 - 587
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[AbstractPlus](#) | Full Text: [PDF](#)(16176 KB) IEEE JNL
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- ☐ 4. **Color Imaging for multimedia**
 Sharma, G.; Vrhel, M.J.; Trussell, H.J.;
Proceedings of the IEEE
 Volume 86, Issue 6, June 1998 Page(s):1088 - 1108
 Digital Object Identifier 10.1109/5.687831
[AbstractPlus](#) | [References](#) | Full Text: [PDF](#)(236 KB) IEEE JNL
[Rights and Permissions](#)
- ☐ 5. **Design and implementation of digital photo kios system with auto color-correction module**
 Tae Yong Park; Myong Young Lee; Jong Man Kim; Yeong Ho Ha;
Consumer Electronics. IEEE Transactions on
 Volume 51, Issue 4, Nov. 2005 Page(s):1067 - 1073
 Digital Object Identifier 10.1109/TCE.2005.1561826
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6. **Model-based color halftoning using direct binary search**

- ☐ Agar, A.U.; Allebach, J.P.;
[Image Processing, IEEE Transactions on](#)
Volume 14, Issue 12, Dec. 2005 Page(s):1945 - 1959
Digital Object Identifier 10.1109/TIP.2005.859380
[AbstractPlus](#) | Full Text: [PDF](#)(1176 KB) [IEEE JNL](#)
[Rights and Permissions](#)
- ☐ 7. **Digital color halftoning**
Baqai, F.A.; Lee, J.-H.; Agar, A.U.; Allebach, J.P.;
[Signal Processing Magazine, IEEE](#)
Volume 22, Issue 1, Jan 2005 Page(s):87 - 96
Digital Object Identifier 10.1109/MSP.2005.1407718
[AbstractPlus](#) | [References](#) | Full Text: [PDF](#)(1678 KB) [IEEE JNL](#)
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- ☐ 8. **Camera-based calibration techniques for seamless multiprojector displays**
Brown, M.; Majumder, A.; Yang, R.;
[Visualization and Computer Graphics, IEEE Transactions on](#)
Volume 11, Issue 2, Mar-Apr 2005 Page(s):193 - 206
Digital Object Identifier 10.1109/TVCG.2005.27
[AbstractPlus](#) | Full Text: [PDF](#)(1992 KB) [IEEE JNL](#)
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[Engineering in Medicine and Biology Society, 2005. IEEE-EMBS 2005. 27th Annual International Conference of the](#)
01-04 Sept. 2005 Page(s):nil50 - nil237
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- ☐ 10. **Clear underwater vision**
Schechner, Y.Y.; Karpel, N.;
[Computer Vision and Pattern Recognition, 2004. CVPR 2004. Proceedings of the 2004 IEEE Computer Society Conference on](#)
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- ☐ 11. **Color histogram correction for panoramic Images**
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[Virtual Systems and Multimedia, 2001. Proceedings. Seventh International Conference on](#)
25-27 Oct. 2001 Page(s):328 - 331
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- ☐ 12. **Optimal constant-luminance coding for digital television**
Roberts, A.;
[Broadcasting Convention, 1994. IBC 1994. International](#)
16-20 Sep 1994 Page(s):211 - 217
[AbstractPlus](#) | Full Text: [PDF](#)(280 KB) [IET CNF](#)

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1			US 7224833 B2	20070529	9
2			US 7009733 B2	20060307	12
3			US 6571011 B1	20030527	8
4			US 5828406 A	19981027	18
5			US 5506946 A	19960409	24
6			US 5231504 A	19930727	25
7			US 5214753 A	19930525	28

	Title	Current OR	Current XRef
1	Method for fast color saturation control	382/167	358/520
2	Manual correction of an image color	358/1.9	358/518; 358/521
3	Conversion of output device color values to minimize image quality artifacts	382/167	358/518
4	Electronic camera having a processor for mapping image pixel signals into color display pixels	348/220.1	348/333.11; 348/E3.02; 348/E3.022; 348/E5.047; 348/E5.091; 348/E9.01
5	Selective color correction	345/600	
6	Method for improved color reproduction using linear mixing calculations based on positional relationships between an original color and an achromatic region in a linear mixing space	358/500	358/520
7	Video system with parallel attribute interpolations	345/610	

	Retrieval Classif	Inventor	S	C	P	2	3	4	5
1		Johannesson; Anders et al.	X						
2		Gruzdev; Pavel Vladimirovich et al.	X						
3		Andresen; Kevin W. et al.	X						
4		Parulski; Kenneth A. et al.	X						
5		Bar; Abraham et al.	X						
6		Magee; Michael R.	X						
7		Lee; Samuel et al.	X						

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1	US 7224833	
2	US 7009733	
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4	US 5828406	
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6	US 5231504	
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